

Major Changes to Regulation No.22  
April 30, 2003 draft

- ◆ Modified definition of “Acceptable Ambient Level” to include the phrase “averaged over the time period specified in those tables.”
- ◆ Added definitions from Reg. 9 for “air pollution control system”, “construction” and “modification” and “person” from Reg. 36.
- ◆ Modified “listed toxic substance” definition so that it just refers to Table I.
- ◆ Changed applicability in 22.2.1 from using or generating to emitting
- ◆ Changed the exception to the fossil fuel burning exemption (22.2.2(c)) to apply to major stationary sources, as defined in Reg. 9.
- ◆ Added exemption from NaOH emissions from NaOH added to air pollution control systems (scrubbers). (22.2.2(e))
- ◆ Added exemption for asbestos abatement. (22.2.2(f))
- ◆ Added exemption for lead hazard reduction and control. (22.2.2(g))
- ◆ Added exemption for lead paint removal covered by Reg. 24. (22.2.2(h))
- ◆ Clarified 22.3.1 language – permits to construct, install or modify.
- ◆ Rewording of registration requirement language in 22.4.2
- ◆ Clarifies that reporting requirements in 22.4.2(c) apply to listed substances emitted at above MQ.
- ◆ Removed references to per hour and per day MQs and reporting for those time periods.
- ◆ Added paragraph on mixtures. (22.4.3)
- ◆ Clarified in 22.5.1 that ATOP application not required until notification
- ◆ Stated in 22.5.6 that the Director must notify the facility of the reasons that an ATOP is denied
- ◆ Added the limitation in 22.5.7(f) that only regulations applicable to processes emitting air toxics would be included in permit conditions
- ◆ Reworded 22.5.9 section on revocation to make process clear.
- ◆ Removed propylene glycol from listed substances.
- ◆ Changed Table I annual average AALs for C carcinogens with potency factors from  $10^{-5}$  to  $10^{-6}$  level (allyl chloride, dibromochloromethane, 1,4-dichlorobenzene, ethylidene dichloride, hexachlorobutadiene, beta-hexachlorocyclohexane, hexachloroethane, isophorone, 1,1,1,2-tetrachloroethane, 1,1,2,2-tetrachloroethane, 1,1,2-trichloroethane, trifluralin, vinylidene chloride)
- ◆ Changed AALs in response to health benchmark or other information raised in comments (antimony, asbestos (units change), bromoform, chlordane, cobalt, di-n-butylphthalate, dimethylphthalate, hexachloroethane, hydrogen fluoride, molybdenum, phthalic anhydride, propionaldehyde, quinoline, selenium sulfide, 1,1,1,2-tetrachloroethane and tetrachloroethylene)
- ◆ Changed annual average AALs derived from noncancer benchmarks for IARC 2B substances not categorized by EPA or NIH to include a safety factor of 10 rather than 100 because the 2B classification is similar to EPA’s C carcinogen classification
- ◆ Added footnote explaining origin of AAL for chloromethyl methyl ether
- ◆ Added mercuric chloride and antimony trioxide as separate compounds

- ◆ Added “white” to phosphorus listing.
- ◆ Updated AALs for ammonia, benzene, 1,3-butadiene, copper, methyl isobutyl ketone, phenol, vinylidene chloride and xylenes, and as a result of recent benchmark changes.
- ◆ Dropped lbs/hour and lbs/day MQs and changed annual MQs to take into account one-hour and 24-hour averaging times and changes in AALs.